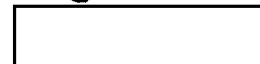


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14 June 1979

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MEMORANDUM FOR: Chief, Plans and Programs Staff, OL
THROUGH : Director of Communications 8
FROM :
SUBJECT : Annual Report on Energy Management (U)
REFERENCE : Memo dated 1 March 1979 to from
C/P&PS/OL; Subj: Reduction of Energy
Use (OL 9-0788)

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1. As requested by the reference, below are listed some representative examples of energy saving programs which carried out during the past year: (S)

a. saved an estimated \$1,500 in fuel costs with the installation of storm windows and storm doors on seven buildings.

b. insulated an attic for an estimated saving of \$275.00.

c. replaced 25 window air conditioner units.

d. replaced two 47-ton water cooled packaged water chillers with two 47-ton air-cooled packaged water chillers. Higher EER values in the new units resulted in reduced KWH consumption which we estimate saved \$675.00.

2. Further, as requested by the reference, we have set forth below our energy conservation objectives with attendant anticipated monetary savings figures. The dollar amounts indicated are estimated and are based on current energy costs. (S)

a. In our continuing program to set thermostats in compliance with current executive guidelines (including the installation of automatic set-back type thermostats in some areas), we estimate non-usage of energy amounting to \$1,000.00 per annum.

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SUBJECT: Annual Report on Energy Management

b. By the consolidation of job tasking to reduce road mileage, we estimate a gasoline savings of \$275.00 per annum.

c. In our continuing program of replacing incandescent lighting fixtures with fluorescent types and in reducing lamp sizes in various buildings not warranting original design candlepower, as well as replacing exterior incandescent lighting fixtures with lower wattage, mercury vapor lighting fixtures, we estimate an annual energy savings of \$500.00.

d. In our continuing program for incorporating thermal insulation in building spaces undergoing renovation, we estimate an energy savings of \$300.00 per annum.

e. In two FY '78 contracts we incorporated "economy cycles" as well as energy-efficient equipment in the design and installation of HVAC systems, resulting in an estimated annual energy savings of \$1200.00.

f. In our continuing program to maintain existing HVAC systems at peak operating condition in order to obtain maximum efficiency, we estimate an energy savings of \$300.00 per annum.

g. By amplifying the slogan "Please Conserve" to improve employee awareness of energy conservation, we estimate an annual energy savings of \$350.00. Small locally-produced "Please Conserve" signs will be placed on all window air-conditioning units and all gang light switches.

h. We have turned off pilot burners on gas-fired heating equipment during summer for an estimated energy savings of \$50.00 per annum.

i. Through FY '79 service contract [] will have a water treatment program for heating and cooling water systems in order to obtain maximum heat/cooling transfer in heat exchangers. The energy savings is estimated to be \$1800.00 annually.

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SUBJECT: Annual Report on Energy Management (U)

3. We will continue to implement energy savings techniques in all renovation projects during the remainder of the year, and be vigilant to detect other opportunities to save energy. (U)

4. If there are any questions or additional information on this subject required, please contact

[REDACTED]

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[REDACTED]

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Distribution:

Orig & 1 - Addressee
1 - D/CO

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